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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/068,718

Filing Date

February 6, 2002

First Named Inventor

David K. Mesecher

Art Unit

2637

Examiner Name

Temesghen Ghebretinsae

Attorney Docket Number

I-2-0108.3US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Jeffrey M. Glabicki		
Date	April 25, 2005	Reg. No.	42,584

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Jeffrey M. Glabicki	Date	April 25, 2005

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

David K. Mesecher

Application No.: 10/068,718

Confirmation No.: 9798

Filed: February 6, 2002

For: BASE STATION FOR USE IN A CDMA
COMMUNICATION SYSTEM USING AN
ANTENNA ARRAY

Group: 2637

Examiner: Temesghen Ghebretinsae

Our File: I-2-108.3US

Date: April 25, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
INCLUDING RULE 1.704 (d) STATEMENT**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*).

Pursuant to 37 C.F.R. § 1.98 (a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

In the spirit of Rule 1.704(d), the undersigned certifies that each new item of information contained in this Information Disclosure Statement was cited in a


Applicant: David K. Mesecher
Application No.: 10/068,718

communication from a counterpart U.S. patent application, and that this communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

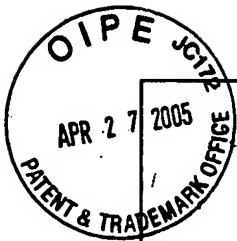
Respectfully submitted,

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(215) 568-6400

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United Plaza, Suite 1600
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JMG/drj
Enclosure



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. I-2-0108.3US		SERIAL NO. 10/068,718	
APPLICANT David K. Mesecher							
FILING DATE February 6, 2002				GROUP 2637			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,662,268	05/1972	Gans et al.			
		4,736,460	04/1988	Rilling			
		4,901,307	02/1990	Gilhousen et al.			
		5,146,475	09/1992	Kubo			
		5,319,677	06/1994	Kim			
		5,331,666	07/1994	Dent			
		5,381,443	01/1995	Borth et al.			
		5,457,704	10/1995	Hoeher et al.			
		5,493,563	02/1996	Rozanski et al.			
		5,623,511	04/1997	Bar-David et al.			
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		5,673,294	09/1997	Namekata			
		5,680,419	10/1997	Bottomley			
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		5,982,327	11/1999	Vook et al.			
		5,991,332	11/1999	Lomp et al.			
		6,009,074	12.19/99	Kim et al.			
		6,026,130	02/2000	Rahmatullah et al.			
		6,044,120	03/2000	Bar-David et al.			
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		6,067,324	05/2000	Harrison			
		6,081,566	06/2000	Molnar et al.			
		6,108,517	08/2000	Arslan et al.			
		6,147,985	11/2000	Bar-David et al.			
		6,148,041	11/2000	Dent			
		6,154,443	11/2000	Huang et al.			
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		6,161,209	12/2000	Moher			
		6,215,762	04/2001	Dent			
		6,335,954	01/2002	Bottomley et al.			
		6,459,740	10/2002	Lo			
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		6,501,788	12/2002	Wang et al.			
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		6,731,700	05/2004	Yakhnich et al.			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2001/0030993	10/2001	Bottomely et al.			
		2002/003846	01/2002	Khayrallah et al.			
		2002/0122510	05/2002	Yakhnich et al.			
		2002/0181430	12/2002	Thomas et al.			
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		2003/0053524	03/2003	Dent			
		2003/0058929	03/2003	Cox et al.			
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	*	6,069,884 A	05/2000	Hayashi et al.			
	*	5,757,791	05/1998	Kanterakis et al.			

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							YES	NO
		0 674 455	10/1994	EP				
		0 715 421	06/1996	EP				
		07 55 127 A2	01/1997	EP				
		0 820 157 A	01/1998	EP				
		08 81 781 A2	12/1998	EP				
		0 892 508	01/1999	EP				
		08 99 894 A2	03/1999	EP				
		22 80 575 A	02/1995	GB				

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		94/01956	01/1994	WO				
		95/34140	12/1995	WO				
		96/11533	04/1996	WO				
		97/13386	04/1997	WO				
		99/04537	01/1999	WO				
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		FILING DATE February 6, 2002	GROUP 2637
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Pahlavan et al., "Performance of Adaptive Matched Filter Receivers Over Fading Multipath Channels," IEEE Transactions on Communications, Vol. 38, No. 12, December 1990, pp. 2106-2113.	
		Latva-aho et al., "LMMSE Detection for DS-CDMA Systems in Fading Channels," IEEE Transactions on Communications, Vol. 48, No. 2, February 2000, 194-199.	
		Majmudar et al., "Adaptive Single-User Receivers for Direct-Sequence Spread-Spectrum CDMA Systems," IEEE Transactions on Vehicular Technology, Vol. 49, No. 2, March 2000, pp. 379-389.	
		Foerster et al., "Coding for a Coherent DS-CDMA System Employing an MMSE Receiver in a Rayleigh Fading Channel," IEEE Transactions on Communications, Vol. 48, No. 6, June 2000, pp. 1012-1021.	

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